

# **METHOD AND SYSTEM FOR DETECTING THE PRESENCE OF A SPARE REPLACEMENT IN A TIRE PRESSURE MONITORING SYSTEM FOR AN AUTOMOTIVE VEHICLE**

## **Abstract of Disclosure**

A tire pressure monitoring system (12) for a vehicle (10) has a plurality of tires (14a, b, c and d) in respective rolling locations and a spare tire (14e) generating a spare tire identification. A controller (22) starts the timer (44) and sets a tire status to a rolling status, a pending rolling status, a spare status or a pending spare status in response to the timer and the vehicle speed. The controller (22) stores the status and the spare tire identification in the memory.